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Application No: 10/518,455
Amendment A
Reply to Office Action Dated 10/02/2007

DEC 14 2007

Attorney Docket No: 3926.122

IN THE CLAIMS:

The following listing of claims replaces any earlier listing:

- 1-18. (cancelled)
19. (New) A 3D binder printing process for producing an object from a granulated material, the process comprising the steps of:
- placing a layer of the granulated material onto a base, and
 - wetting predetermined regions of the layer with a binder liquid,
 - wherein
 - the granulated material consists of particles with a surface layer,
 - the surface layer consists of a polyvinyl butyral and has a nonpolar outer surface, and
 - the binder liquid is selected from among liquids in which the surface layer of the particles of the granulated material is soluble.
20. (New) The process of claim 19, wherein a thickness of the surface layer approximately corresponds to a monolayer of polyvinyl butyral monomers.
21. (New) The process of claim 19, wherein a thickness of the surface layer amounts to approximately 0.1 to 10% of a mean radius of the particles.
22. (New) The process of claim 19, wherein a viscosity of the binder liquid is adjustable by an addition of higher alcohols.

{WP457991;1}

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